



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3411

SERIAL NUMBER 10/572,777	FILING OR 371(c) DATE 03/21/2006 RULE	CLASS 600	GROUP ART UNIT 3737	ATTORNEY DOCKET NO. PHUS030354US
-----------------------------	--	--------------	------------------------	--

## APPLICANTS

Thomas S. Cull, Wickliffe, OH;  
Laura M. Gaul, Willoughby, OH;  
Sara M. Oberrecht, Garfield Heights, OH;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a 371 of PCT/IB04/51728 09/09/2004  
which claims benefit of 60/505,334 09/23/2003  
and claims benefit of 60/583,883 06/29/2004

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/23/2006

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Met after Allowance	OH	8	25	3
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

## ADDRESS

38107

## TITLE

Jumping around the center of k-space in annular sequential steps

FILING FEE RECEIVED 1150	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------	---	---